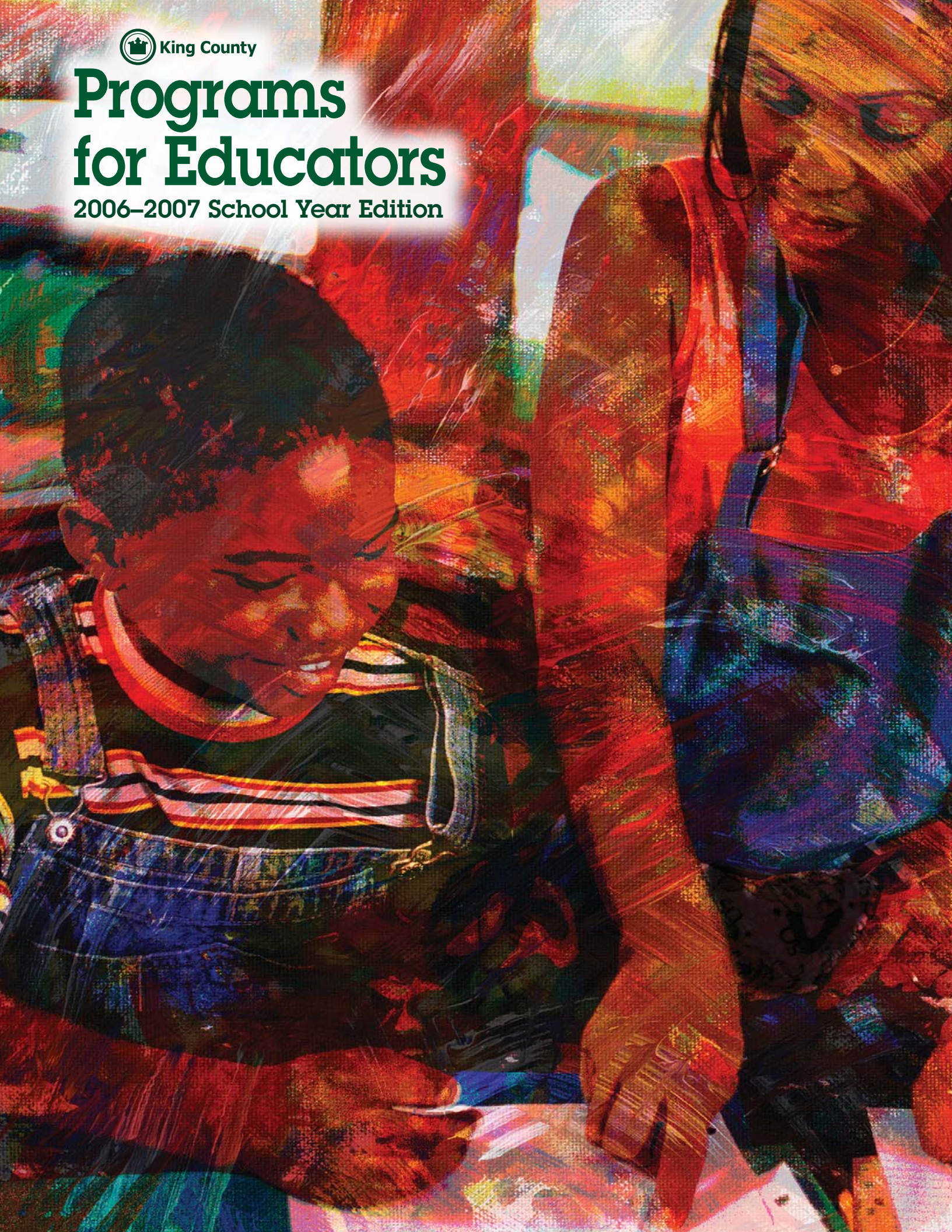


# Programs for Educators

2006–2007 School Year Edition







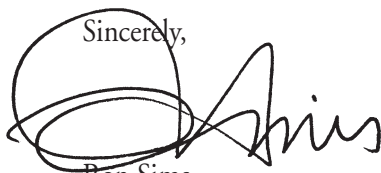
October 2006

Dear King County Educators:

It is with great pleasure that I introduce the publication of the *2006-2007 King County Programs for Educators Directory*.

The annual update of this guide helps ensure that educators have current information on available county programs, materials and funding sources. This publication is the result of the coordinated efforts of a number of county agencies that provide services to schools and is an example of the vital cooperation that develops and sustains just and equal educational opportunities. This edition features numerous programs that present students with a wide variety of topics ranging from disaster and emergency preparedness to natural resource stewardship. These and other programs listed in the guide deal with issues that shape and influence our quality of life in King County now and well into the future.

As King County Executive, I have worked to make education a top priority for my administration. Our economic strength, vitality and quality of life rest on enabling all of our citizens to access educational avenues necessary to succeed and prosper. I hope this guide will be a valuable resource in your vital work as educators.

Sincerely,  
  
Ron Sims  
King County Executive

# Programs for Educators Directory

## 2006-2007 School Year Edition

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The 2006-2007 King County  
Programs for Educators  
Directory can be found  
on the King County Web site in  
PDF format at  
**[metrokc.gov/dnpr/swd/  
education/documents.asp](http://metrokc.gov/dnpr/swd/education/documents.asp)**

This material will be provided in alternate  
formats upon request by contacting:

#### **King County Solid Waste Division**

206-296-4466

1-800-325-6165, ext. 6-4466

TTY Relay: 711

[metrokc.gov/dnpr/swd](http://metrokc.gov/dnpr/swd)

**NOTE:** All programs are provided free of  
charge, unless otherwise noted.

Please contact program provider for details.

# Arts, Culture and Heritage

## Grants

### Cultural Education Program – Local History in Education Grants

#### 4 Culture

**Grades K-12** • Annual competitive grants are awarded to local history museums, heritage organizations, historians, and heritage specialists for collaborative projects in King County public schools. Successful proposals will involve students and teachers in documenting, interpreting, and preserving county and community heritage resources. Proposals should address the state assessment standards for social studies and involve geographic, ethnic, or thematic aspects of King County's heritage.

Contact Charles Payton at 206-296-8688 or [charles.payton@4culture.org](mailto:charles.payton@4culture.org) for more information.

### Special Projects Program – Arts Projects Grants

#### 4 Culture

**All ages** • Annual competitive grants are awarded to artists, arts organizations and community groups for special initiatives, including community arts outreach projects and arts programs addressing special populations such as seniors, youth, and ethnic communities.

Contact Doreen Mitchum at 206-296-7579 or [doreen.mitchum@4culture.org](mailto:doreen.mitchum@4culture.org) for more information.

### Special Projects Program – Heritage Project Grants

#### 4 Culture

**All ages** • Annual competitive grants are awarded to local history museums, heritage organizations, historians, and heritage specialists for special initiatives involving or serving youth in the documentation, interpretation, and preservation of county and community heritage resources. Projects may involve, but are not limited to, museum exhibits and collections, publications, oral or video history documentation, historic or archaeological resource preservation, and community history research.

Contact Charles Payton at 206-296-8688 or [charles.payton@4culture.org](mailto:charles.payton@4culture.org) for more information.

## Internet Resources

### Heritage Publications

#### 4 Culture

**All ages** • A series of downloadable historical bibliographies on Seattle and King County's geographic, ethnic, and thematic history as well as papers on technical and education-related topics, including heritage curriculum and historical research resources, are available at [www.4culture.org/heritage/publications.htm](http://www.4culture.org/heritage/publications.htm).



## Teacher Workshops

### Cultural Diversity Program

*Washington State University Extension Service/King County Department of Natural Resources and Parks*

**All ages** • This program operates year-round and includes development of personal awareness and information necessary for a person to engage in positive and productive relationships with culturally diverse individuals or groups. Workshops present a variety of innovative educational opportunities that contribute to the life-long learning of minorities and the success of their communities. Activities included are:

- Cultural Foundation - Develops elements of personal awareness necessary to engage in positive and productive relationships with culturally diverse individuals or groups.
- Cultural Diversity - Focuses on understanding the differences and similarities that exist among individuals, cultural groups, and their activities.
- A Lesson of Culture - Provides a unique opportunity to learn the relevant differences and similarities that exist in a culture, including food, education and music. Two new diversity curricula will be provided.
- Volunteerism - Some strategies to recruit minority volunteers will be provided.

Workshops are one to three hours in length and are available upon request. Contact Sonia G. Morales at 206-205-3133 or [sonia.morales@metrokc.gov](mailto:sonia.morales@metrokc.gov) or [sgmorales@wsu.edu](mailto:sgmorales@wsu.edu).



# Community

## Action Projects

### Community Gardening Program

*King County Department of Natural Resources and Parks*

**All ages** • This program provides an opportunity for people to learn about growing plants and vegetables organically in a ten-by-forty foot rental plot. Community Gardens are located at:

- North Green River Park at Green River Road and 94th Place South near Kent, and
- Marymoor Park, 6046 West Lake Sammamish Pkwy NE, near Redmond.

Applications are accepted on an on-going basis as space is available. Year-round plots are available at both gardens. School groups can make a school year commitment at either garden. Gardeners must provide all equipment. Rental fee for school groups may be waived.

Contact Anne Lipe at 206-205-8751 or [anne.lipe@metrokc.gov](mailto:anne.lipe@metrokc.gov) for more information on the North Green River Community Garden.

For information on the Marymoor Community Gardens contact the Marymoor Community Gardeners Association at [marymoorgarden@yahoo.com](mailto:marymoorgarden@yahoo.com) or visit [marymoorgarden.org](http://marymoorgarden.org)



## Classroom Programs

### Civil Rights Education

*King County Office of Civil Rights*

**Grades 11, 12, others** • Students approaching graduation may be ready to look for a job or rent an apartment. To help students with these decisions, teachers can schedule a presentation by King County's Office of Civil Rights. Speakers describe the office's work and services, and talk about basic civil rights protection, fair housing, fair employment practices, and fair treatment in stores, restaurants and other public accommodations.

The presentations are planned for upper high school grade levels, but topics can be tailored to other audiences. They take from 30 to 50 minutes, and can be expanded. The topics apply to Washington's Essential Academic Learning Requirements found in the Social Studies categories of Civics and History. For information about the

King County Office of Civil Rights check out the OCR Web site at [metrokc.gov/dias/ocre](http://metrokc.gov/dias/ocre) or find the link at [www.metrokc.gov/kids](http://www.metrokc.gov/kids). The Office of Civil Rights publishes an agency brochure, an annual report, fact sheets and many fair housing publications that are available upon request or on our Web site. They are available in alternate formats.

Contact Rose Dotson at 206- 296-7592, 206-296-7596 TTY or [rose.dotson@metrokc.gov](mailto:rose.dotson@metrokc.gov) for more information.



### King County Work Training Program

*King County Department of Community and Health Services, Community Services Division*

**Grades 7-12** • The Work Training Program provides education, employment and training services for hard-to-serve youth in King County outside the city of Seattle. Youth must be low income, high school dropouts or at risk of dropping out of school, and between the ages of 14 and 24. Thirty-minute classroom presentations are available on pre-employment training, how to look for a job, prepare a resume and complete a work application. Career exploration and labor market information are available. Services include case management, GED attainment, basic skills remediation, credit recovery, life skills, parenting, counseling, and employment and training services.

Contact George Dignan at 206-296-5220 or [george.dignan@metrokc.gov](mailto:george.dignan@metrokc.gov) for more information.

## Internet Resources

### King County's Fiber Optic Network Plans

*King County Department of Executive Services, Information and Telecommunications Services Division*

King County is building a fiber optic institutional network (I-Net) to 270 sites, including all school districts, suburban cities and some King County agencies as well as a group of content providers including museums, King County libraries, Woodland Park Zoo, Seattle Center, Seattle Art Museum, and Benaroya Hall. Many King County regional and branch libraries and King County departments are already using I-Net



and its capabilities. Over 11,000 miles of fiber optic cable have been installed to enable this high-speed broadband network. It now serves ten cities within King County.

Four school districts are now using a combination of I-Net and “dark fiber” to upgrade their network infrastructure. This network will enable participants to contact each other via data or video across the network. I-Net will allow schools to use distance learning capacities with higher education, allowing K-12 students to “sit in” on classes at the community colleges, and teachers can participate in continuing education classes without leaving their schools. The increased capacity and

performance that I-Net provides will help future applications such as two-way video between members of the I-Net. Schools need their own video or computing equipment to take full advantage of the I-Net network. I-Net is an E-Rate eligible service provider. King County libraries and several school districts are already receiving the benefits of E-Rate.

Contact Betty Richardson or Walt Yeager at 206-263-4814 or visit [metrokc.gov/dias/its/inet/index.htm](http://metrokc.gov/dias/its/inet/index.htm) for more information.

# Emergency Preparedness and Prevention

## Curricula

### Seismic Sleuths Curriculum Guide

*King County Department of Executive Services, Office of Emergency Management*

**Grades 7-12** • A limited supply of Seismic Sleuths curriculum guides is available to educators. Seismic Sleuths is an interactive, hands-on curriculum that explores the cause of earthquakes, ways to measure their effects, and preparedness issues. The guides are produced by the Federal Emergency Management Agency (FEMA).

Contact Timothy Doyle at 206-296-3830 or [kc.eoc@metrokc.gov](mailto:kc.eoc@metrokc.gov) for more information.

### Tremor Troops Curriculum Guide

*King County Department of Executive Services, Office of Emergency Management*

**Grades K-6** • A limited supply of Tremor Troops curriculum guides is available to educators. Tremor Troops is an interactive, hands-on curriculum that explores the cause of earthquakes, ways to measure their effects, and preparedness issues. The guides are produced by the Federal Emergency Management Agency (FEMA).

Contact Timothy Doyle at 206-296-3830 or [kc.eoc@metrokc.gov](mailto:kc.eoc@metrokc.gov) for more information.

## Field Trips

### Regional Emergency Coordination Center Field Trips

*King County Department of Executive Services, Emergency Coordination Center*

**Grades 8-10** • Tour the county’s Emergency Coordination Center (ECC) where representatives from county departments and outside agencies coordinate disaster operations. Students will learn about the county’s role during a disaster, such as an earthquake or flood, and how the ECC assists cities and communities within King County with disaster prevention and response issues. The tour features an inside look at the ECC’s high-tech equipment and radios that are used during disaster activations. Tour length is 1.5 to 2 hours. Tours are scheduled on a first-come, first-serve basis. One tour is scheduled per month.

Contact Timothy Doyle at 206-296-3830 to schedule a tour or for more information. Visit [metrokc.gov/prepare](http://metrokc.gov/prepare) for more Emergency Preparedness and Prevention information.







# Environment

## HOUSEHOLD HAZARDOUS WASTE

### Action Projects

#### Hazards on the Homefront Action Teams

*King County Department of Natural Resources and Parks, Solid Waste Division*

**Grades 4-12** • Classrooms are encouraged to take action for the environment by completing a project that enhances their own and others' awareness of the effects of household hazardous waste. Teachers can receive project funding through mini-grants of \$50 to \$500 as well as technical assistance in developing and implementing the project. Past projects have included water quality testing, stenciling storm drains, developing an organic or pesticide-free garden, and developing projects for a science or environmental fair. Priority is given to teachers who have taken the Hazards on the Homefront Teacher Workshop (see page 5).

Contact Jennifer Howell at 206-583-0655 or visit [metrokc.gov/dnrp/swd/education/minigrants.asp](http://metrokc.gov/dnrp/swd/education/minigrants.asp) for more information.

### Classroom Programs

#### Hazards on the Homefront: Slugs, Bugs, and Dirty Toilets

*King County Department of Natural Resources and Parks, Water and Land Resources Division*

**Grades 4-12** • Find out how common hazardous household products like bug killers, car products, paints, and cleaners can affect the health of people, salmon, and the environment. Handle real household products, learn how to identify the hazardous ones by reading the labels, and learn safer alternatives. Activity options include having students

- sequence environment photo cards to trace the route of hazards from home to streams and salmon.
- critique different hazardous waste disposal options.
- test safer cleaning products.
- shop for least-hazardous products or try out Toxic-Free Bingo.



### Sustainable Landscaping Demonstration Gardens

**All ages** • Our communities have a great impact on our environment, including the landscaping that enhances our built structures. Visit three sustainably landscaped demonstration gardens surrounding the King County Department of Development and Environmental Services at 900 Oakesdale Ave. S.W. in Renton, Washington. The gardens include a drought tolerant “xeriscaped” garden, shade garden and rain garden. Improving the soil and using plants suitable for unique conditions are among the sustainable methods used to respond to three typical Northwest landscapes: drought, shade and standing water. The gardens are low maintenance, feature native plants, promote healthy soil, minimize water use, and do not need excessive fertilizer or pesticides. Signage and an educational kiosk at each garden allow for self-guided tours of approximately 30 minutes.

Contact Karen May at 206-296-4353 or [karen.may@metrokc.gov](mailto:karen.may@metrokc.gov) for more information.

- produce skit “commercials” for safer household products.
- create product labels incorporating advertising techniques.

Choose either a one-day session (55 minutes to 2 hours) or a longer, customized, hazardous waste mini-unit spread over two to three days. All sessions are interactive and activity-based. Teachers frequently integrate this program into studies of water quality and water pollution, environmental and health issues, recycling and waste disposal, and chemistry and the community. This program supports the Washington State EALRs.

To schedule a free hazardous waste program, contact Gail Gensler at 206-263-3082 or [gail.gensler@metrokc.gov](mailto:gail.gensler@metrokc.gov). You may also visit [govlink.org/hazwaste/schoolyouth](http://govlink.org/hazwaste/schoolyouth) for more information.





## EARTH HEROES AT SCHOOL PROGRAM

The Earth Heroes at School Program recognizes teachers, students, staff, programs and schools in King County for doing exceptional work to protect our natural resources through education and action. Nominate your colleagues (or yourself) if you know of programs that are making a difference. Visit the Earth Heroes at School Web page at [metrokc.gov/dnrp/swd/education/earth-heroes.asp](http://metrokc.gov/dnrp/swd/education/earth-heroes.asp). Nomination forms will be available in January 2007. Call 206-296-4477.

### Household Hazardous Waste & Water Quality: A Classroom Series

*Washington State University Extension Service/King County Department of Natural Resources and Parks, Solid Waste Division*

**Grades 9-12** • This program, designed for high school students, will come to your classroom twice a week for 6-8 weeks to increase your students' knowledge of hazardous waste issues and challenges in King County. The training is based on Hazards on the Homefront, a curriculum developed by King County Solid Waste Division that provides real-life examples and experiential learning methods to help students become critical thinkers, problem solvers and thoughtful consumers. The topics covered in this 6-8 week program include

- recognizing hazardous waste
- household hazardous waste facilities
- analyzing labels
- routes to the environment
- two field trips (hazardous waste and water quality)
- proper disposal methods
- safer substitutes
- consumer choices
- community outreach project.

These topics are covered through classroom presentations, group activities, expert guest speakers, and field trips. The final project involves students working in teams to take one of the lessons into a local 4th, 5th, or 6th grade classroom. This program is offered to two classrooms each year. Selection will be based on interest and alignment of educational goals.

Contact Darcy Batura at 206-205-3130 or [darcy.batura@metrokc.gov](mailto:darcy.batura@metrokc.gov).

[batura@metrokc.gov](mailto:batura@metrokc.gov) for more information.

### Curricula

#### Hazards on the Homefront: A Teacher's Guide to Household Hazardous Waste

*King County Department of Natural Resources and Parks, Solid Waste Division*

**Grades 4-6 and 7-12** • This guide is designed to familiarize students with the health and environmental effects associated with the use of many common household products. Lessons include reading product labels and making safe choices about use, storage and disposal of hazardous products. A new lesson focusing on potential health impacts as a result of exposure to everyday products has been added. The activities in the guide develop skills for investigating household hazardous waste issues, and suggest opportunities for students to actually do something about reducing hazardous waste in their community. Lessons in the guide are matched to multiple intelligence levels and various Washington State EALRs and GLEs. The guide is available free to teachers who take the Hazards on the Homefront workshop. Assistance is available to school districts wishing to integrate or adapt the lessons into existing curricula.

Contact Jennifer Howell at 206-583-0655 or [jhowell@triangleassociates.com](mailto:jhowell@triangleassociates.com) for more information.



### Grants

#### Hazards on the Homefront: Minigrants

*King County Department of Natural Resources and Parks, Solid Waste Division*

**Teachers of Grades 4-12** • Funding in amounts of \$50 to \$500 is available to teachers who have



taken the Hazards on the Homefront training. Funding can be used for materials or supplies to teach lessons from the Hazards on the Homefront guide or for carrying out an action project with students. A brief written report is required upon completion of the lesson or project.

Contact Jennifer Howell at 206-583-0655 or [jhowell@triangleassociates.com](mailto:jhowell@triangleassociates.com), or visit [metrokc.gov/dnrp/swd/education/minigrants.asp](http://metrokc.gov/dnrp/swd/education/minigrants.asp) for more information.

## Internet Resources

### Hazardous Waste Web Site

*King County Department of Natural Resources and Parks, Water and Land Resources Division and Solid Waste Division*

- For information on household hazardous waste, visit [govlink.org/hazwaste](http://govlink.org/hazwaste).
- For online publications, visit [metrokc.gov/topics/publications/publtopic.htm](http://metrokc.gov/topics/publications/publtopic.htm).

## Teacher Workshops

### Hazards on the Homefront: Teacher Training Workshops

*King County Department of Natural Resources and Parks, Solid Waste Division*

**Teachers of Grades 4-12** • These workshops demonstrate how to incorporate the lessons in the Hazards on the Homefront teacher's guide into different subject areas and fulfill GLEs, including those for Science and for Health and Fitness. Teachers receive resources such as ready-to-use classroom materials and free follow-up support. Clock hours, college credit and teacher stipend are available.

A workshop is scheduled for October 13, 2006. Additional workshops are scheduled in January, February, and August or by request from school districts.

Contact Erin McGourty at 206-583-0655 or [workshops@triangleassociates.com](mailto:workshops@triangleassociates.com), or visit [metrokc.gov/dnrp/swd/education/hazwaste](http://metrokc.gov/dnrp/swd/education/hazwaste).

## WASTE REDUCTION and RECYCLING

### Action Projects

#### Green Teams

*King County Department of Natural Resources and Parks, Solid Waste Division*

**Grades 1-12** • A Green Team is a classroom group or environmental club that commits to making a positive difference in the environment by completing projects in the classroom, school, or community. Typical school projects include starting a worm bin, sponsoring waste-free lunches, caring for and improving habitat, and encouraging participation in the school recycling program. Workshops and assistance for getting started on a project are available. Green Teams that complete projects are eligible to win prizes and recognition.

Contact a Green Team Specialist at 206-583-0655 or [greenteam@triangleassociates.com](mailto:greenteam@triangleassociates.com) for more information, a registration form, or list of project ideas. Or visit [metrokc.gov/dnrp/swd/elementaryschool/greenteams.asp](http://metrokc.gov/dnrp/swd/elementaryschool/greenteams.asp).

#### Green Team Mini-Grants

**Grades 1-12** • Mini-grants in amounts up to \$500 to support project activities related to waste reduction, recycling, and resource conservation are available to teachers who participate in the Green Team program.

Contact Jennifer Howell at 206-583-0655 or [greenteam@triangleassociates.com](mailto:greenteam@triangleassociates.com) for more information. Or visit [metrokc.gov/dnrp/swd/elementaryschool/greenteams.asp](http://metrokc.gov/dnrp/swd/elementaryschool/greenteams.asp).



## Assistance to School Facilities

### Recycling and Waste Reduction Assistance

*King County Department of Natural Resources and Parks, Solid Waste Division*

**Grades K-12 Public and Private Schools** • This program helps schools and school districts to

- improve recycling programs.
- expand waste reduction practices.

King County provides

- a site visit to assess each school's solid waste management practices and written recommendations on how the school can make improvements.
- hands-on assistance to help each school facility to increase recycling, decrease garbage, and possibly reduce garbage collection costs.
- recycling containers and signage as needed.

Contact Dale Alekel at 206-296-8457 or *dale.alekel@metrokc.gov* for more information or to request assistance, or visit [metrokc.gov/dnrp/swd/education/assistance.asp](http://metrokc.gov/dnrp/swd/education/assistance.asp).



### Green Schools Program

*King County Department of Natural Resources and Parks, Solid Waste Division*

**Grades K-12 Public and Private Schools** • King County will help you become a "Green School." You set your goals and we'll help you achieve them. This program helps schools and school districts to

- conserve natural resources.
- save money.
- promote awareness of conservation strategies among students, faculty and administrators.
- receive recognition for their conservation efforts.

Participating schools and school districts set goals in two, three or four of the following ten environmental categories

- Waste Reduction and Recycling (required)
- Hazardous Materials Reduction and Management

- Litter Reduction
- Environmental Purchasing
- Energy Conservation
- Water Conservation
- Green Building
- Indoor Air Quality
- Reduction of Greenhouse Gas Emissions
- Environmental Education

To help schools and school districts reach their goals, King County provides

- practical hands-on assistance.
- supplies such as recycling containers.
- information and referrals.

Contact Dale Alekel at 206-296-8457 or *dale.alekel@metrokc.gov* for more information, or visit [metrokc.gov/dnrp/swd/greenschools](http://metrokc.gov/dnrp/swd/greenschools).



## Classroom Programs

### Earth Smart: Choices for Our Planet Elementary School Assembly

*King County Department of Natural Resources and Parks, Solid Waste Division*

**Grades K-6** • Two professional actors present this popular assembly program with a lively, interactive format to demonstrate how advertising can influence our product choices, how those choices affect the environment, and how positive choices to reduce consumption and waste benefit the earth. The primary version focuses on waste reduction and recycling, while the intermediate version introduces students to the concept of an ecological footprint or “earthmark.”

Call 206-583-0655 or e-mail [workshops@triangleassociates.com](mailto:workshops@triangleassociates.com) for more information, or visit [metrokc.gov/dnrp/swd/elementaryschool/assembly.asp](http://metrokc.gov/dnrp/swd/elementaryschool/assembly.asp).



### Earth Smart Classroom Workshops

*King County Department of Natural Resources and*

*Parks, Solid Waste Division*

**Grades 1-6** • These interactive workshops build on the lessons of the elementary assembly program, Earth Smart: Choices for Our Planet. Teachers can choose from among four topic areas: waste reduction and recycling, habitat stewardship, litter prevention, and garbology. These 40-minute hands-on presentations are fast-paced and action-oriented and ignite students' own ideas about how to reduce waste and care for the environment.

Call 206-583-0655 or e-mail [workshops@triangleassociates.com](mailto:workshops@triangleassociates.com) for more information, or visit [metrokc.gov/dnrp/swd/elementaryschool/workshops.asp](http://metrokc.gov/dnrp/swd/elementaryschool/workshops.asp).

### Master Recycler Composter Volunteer Presentations

*King County Department of Natural Resources and Parks, Solid Waste Division*

**All ages** • King County's Master Recycler Composter (MRC) volunteers are available to provide school presentations on waste reduction, recycling, composting, and alternatives to household hazardous waste. Presentations include hands-

on displays such as worm bins for food waste composting, environmentally friendly and unfriendly lunches, and alternatives to household hazardous products. Presentations can be made on other resource conservation and waste reduction topics as well.

Contact Susan Evans at 206-343-9759, ext. 108 or [susan@cascadiaconsulting.com](mailto:susan@cascadiaconsulting.com) to schedule a classroom visit. For more information on the MRC program. Contact Karen May at 206-296-4353 or [karen.may@metrokc.gov](mailto:karen.may@metrokc.gov), or visit [metrokc.gov/dnrp/swd/mrc/request.asp](http://metrokc.gov/dnrp/swd/mrc/request.asp)

### Soils, Compost and Worms in the Classroom

*Washington State University Extension Service/King County Department of Natural Resources and Parks, Solid Waste Division*

**Grades 4-12** • Students learn quick and easy ways to turn yard trimmings and vegetable scraps into rich soil amendments. WSU Extension faculty will cover the basics of soils and how composting waste can improve soil structure and productivity. Training includes hands-on activities with soils and composting worms. Program length is 60-90 minutes.

Contact Darcy Batura at 206-205-3130 or [darcy.batura@metrokc.gov](mailto:darcy.batura@metrokc.gov) to schedule a presentation.

### Eco Connections Classroom Workshops

*King County Department of Natural Resources and Parks, Solid Waste Division*

**Grades 6-12** • The highly praised Natural Connections and Waste Busters workshops are now merged into one program for secondary schools. All workshops are updated for increased relevancy and GLE alignment. The workshops currently offered are described here in detail. Use the contact information below to learn about additional workshops to be available during the school year on topics related to product stewardship and environmental ethics. The workshops are engaging, interactive, and speak to teens on a level on which they can relate. Students work together in small groups that encourage them to discuss, debate, and discover “Why I should care.” The workshops challenge teens to develop critical thinking skills by connecting environmental impacts to their everyday choices. All workshops integrate Essential Academic Learning Requirements and are adapted for grade level. Workshops are designed for a 50-minute class period, but can run up to 75 minutes for longer class periods. Companion videos are provided when appropriate. Choose from four workshops.



**Biodiversity in Our World:** (EALRs - science)  
What is biodiversity and why is it important?  
Through challenging and fun, hands-on activities, students gain a clear understanding of biodiversity, human impacts on the planet, and how their personal choices can make a difference.

**Earth Impact: Over-Consumption or Sustainability?** (EALRs – science, social studies)  
How and why do we choose what to buy? What impact do these choices have on our planet? How can we choose more sustainable products? Students answer these questions as they rotate through activities that explore advertising, packaging, and our ecological footprint.

**Biospheres** (EALRs - science) – Examine the biotic and abiotic factors that influence an ecosystem within a closed environment. Students will analyze the effect of their daily consumption on the earth, and learn ways they can live sustainably within their own closed system - the biosphere.

**Consumption Junction** (EALRs - science, social studies) – How do our lifestyles affect the quality of the Earth's environment? Learn about the time, energy, and natural resources that are used to make an everyday product, and how we can limit consumption to create a more sustainable future.

Call 206-583-0655 or e-mail [workshops@triangleassociates.com](mailto:workshops@triangleassociates.com) to schedule. Look for more information and EALR tie-ins at [metrokc.gov/dnr/swd/secondaryschool/workshops.asp](http://metrokc.gov/dnr/swd/secondaryschool/workshops.asp).

## Curricula

### Adventures with Zeela Storybook

*King County Department of Natural Resources and Parks, Solid Waste Division*

**Preschool-Kindergarten** • Adventures with Zeela is the story of a visitor from another planet who has come to Earth to find out how humans solve the problem of too much waste. Contact Donna Miscolta at 206-296-4477 or [donna.miscolta@metrokc.gov](mailto:donna.miscolta@metrokc.gov).

### Waste Reduction and Recycling Activity Sheets

*King County Department of Natural Resources and Parks, Solid Waste Division*

**Grades K-6** • Seven activity sheets provide lessons and tips on reducing waste and recycling.

- Be a Garbage Gumshoe
- Investigate Your Garbage

- Composting: Worm Recycling
- Cut Down Paper Waste, Not Trees
- Grocery Store Scavenger Hunt
- How to Improve Your School's Waste Reduction and Recycling Program
- Plan a Waste-Free Lunch
- Set Up Your Classroom to Encourage Reuse

You can download these at [metrokc.gov/dnr/swd/elementaryschool/guides.asp](http://metrokc.gov/dnr/swd/elementaryschool/guides.asp), or call 206-583-0655 to request copies.

## Zero in on Waste Guides

*King County Department of Natural Resources and Parks, Solid Waste Division*

**Grades 6-12** • Lessons on waste reduction and recycling are presented in the context of science, math and social studies in these curriculum guides. Contact Donna Miscolta at 206-296-4477 or [donna.miscolta@metrokc.gov](mailto:donna.miscolta@metrokc.gov) for more information, or visit [metrokc.gov/dnr/swd/secondaryschool/zero.asp](http://metrokc.gov/dnr/swd/secondaryschool/zero.asp).

## Field Trips

### Tours - Cedar Hills Landfill

*King County Department of Natural Resources and Parks, Solid Waste Division*

**All ages** • Schedule tours of King County's regional landfill by calling the Cedar Hills Landfill at 206-296-4490. Background information about the landfill is available on the Web site at [metrokc.gov/dnr/kids](http://metrokc.gov/dnr/kids).

### Tours – Transfer Station

*King County Department of Natural Resources and Parks, Solid Waste Division*

**All ages** • King County's transfer stations –Algona, Bow Lake, Enumclaw, Factoria, Houghton and Vashon - are open for tours by appointment. The Enumclaw and Vashon Transfer Stations are state-of-the-art facilities featuring recycling centers, public facilities and artwork made from recycled materials.

Contact Annette Mentzer at 206-296-0465 for more information, or submit your request online at [metrokc.gov/dnr/swd/about/tours.asp](http://metrokc.gov/dnr/swd/about/tours.asp).





## Publications

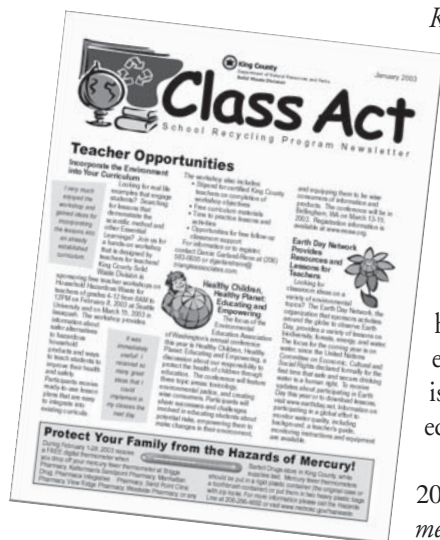
### Class Act

*King County Department of Natural Resources and Parks, Solid Waste Division*

#### Teachers of Grades K-12 •

This quarterly newsletter provides information on program offerings and reports on projects undertaken by students and teachers on waste reduction, recycling, household hazardous waste, and other environmental issues. The newsletter is on-line at [metrokc.gov/dnrp/swd/education/classact/index.asp](http://metrokc.gov/dnrp/swd/education/classact/index.asp).

Contact Donna Miscolta at 206-296-4477 or e-mail [donna.miscolta@metrokc.gov](mailto:donna.miscolta@metrokc.gov) for more information.



## Videos

The following videos are available for loan for a period of two weeks from the King County Solid Waste Division. Call 206-296-4466.

### All the Right Stuff

**Grades 6-12 • Topic:** Consumerism, teen marketing. Length: 25 minutes. A Canadian teenager looks more closely at teen spending habits. Join him on his trip to the mall and see how teens are bombarded with marketing campaigns that pressure them to keep up with the latest trends.

### Complete the Circle: How to Buy Recycled

**Grades 5-8 • Topic:** Purchasing recycled products. Length: 26 minutes. Go behind the scenes to find out just what happens to recycled materials after they leave the curb. This video shares the message that to make recycling successful, we need to buy products made from recycled materials.

### The Cost of Cool

**Grades 6-12 • Topic:** Teenage consumerism and sustainable living. Length: 26 minutes. Teenagers explore their buying patterns and recognize that much of the stuff they acquire is not needed.

### Give the Rake a Break, Jake!

**Grades 5-10 • Topic:** Smart lawn care. Length: 4

minutes. Learn why you never have to bag your grass clippings again!

### Gotta Have It

**Grades 5-8 • Topic:** Teen marketing, consumerism. Length: 15 minutes. This video features local young actors in a story about our buying habits, the media, and consumption of natural resources. It promotes critical thinking skills and comes with a discussion guide for teachers.

### The Merchants of Cool

**Grades 9-12 • Topic:** Consumerism. Length: 60 minutes. This Frontline program explores the culture in which today's American teenagers are growing up and how their lives have become the object of obsessive focus by corporate America.

### Mr. Roger's Neighborhood

**Preschool-Kindergarten • Topic:** Recycling. Length: 30 minutes. When solid waste problems plague the "Neighborhood of Make-Believe," Mr. Rogers talks to children about the importance of waste reduction.

### Natural Connections – Emmy Award Winner!

**Grades 4-12 • Topic:** Environmental awareness. Length: 48 minutes. Several Northwest scientists, as well as world-renowned biologist Edward O. Wilson, speak about the inter-connectedness among different species and their ecosystems and how our everyday actions affect the environment. Topics include biodiversity, the role of salmon in the web of life, keystone species, and healthy forests.

### No Time to Waste

**Grades 4-8 • Topic:** Environmental awareness and the political process. Length: 30 minutes. Follow middle school students from around the world as they take on environmental projects and learn how to make a difference through the political process.

### Oil and Water Don't Mix

**Grades 6-12 • Topic:** Recycling oil. Length: 8 minutes. A popular comedian shares knowledge about where oil comes from, the problems with disposal, and ways we can use oil safely.

## Our Planet Earth

**Grades 4-12 • Topic:** Environmental awareness. Length: 23 minutes. This award-winning film features 17 astronauts from 10 different countries as they share their experiences and insights in the hope that others will see the wonder and fragility of our planet, as they have, from beyond political and geographical boundaries.

## The Resource Revolution

**Grades 6-12 • Topic:** Recycling. Length: 12 minutes. Through one student's classroom presentation, we learn the basics of the recycling movement with an emphasis on plastics.

## The Rotten Truth

**Grades 2-6 • Topic:** Waste reduction and recycling. Length: 30 minutes. Visit the "museum of garbage," the world's largest landfill, and a recycling plant as a student guide teaches about waste reduction and recycling.

## Space Station Earth

**Grades K-5 • Topic:** Waste reduction and recycling. Length: 23 minutes. Join a classroom of elementary school students as they learn why we recycle, what happens to our recyclables, and how we can reduce the amount of waste we create.

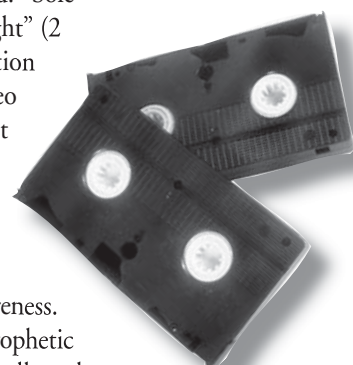
## Studies in Stewardship

**Grades 5-12 • Topic:** School-based environmental projects. Length: 8 minutes. Three schools in King County are profiled for their environmental projects. Featured are river ecology studies at Snoqualmie Elementary, a recycling program at Tolt Middle School, and a composting project at West Auburn High School.

## Stuff Video Project

**Grades 8-12 • Topic:** Personal consumption and the environment. Length: 13 minutes. High school students from Foster High School (Tukwila School District) helped to develop and produce this video which consists of three short pieces that focus on what goes into making, transporting and consuming ordinary products that North Americans use in their daily lives. In "Think Twice" (6 minutes) two high school students metaphorically "sleepwalk" their way through an average school day, using familiar items such as a cell phone and

diet breakfast drink. Through graphics, photos and voice-over narration, the viewer sees where a product comes from, the resources used to make it and where it goes when it is no longer wanted or needed. "Sole for Sale" (1.5 minutes) and "Food for Thought" (2 minutes) also address the issues of consumption and depletion of natural resources. This video comes with a discussion guide for teachers. It is an appropriate follow-up to the "Natural Connections" video.



## Turtle World

**Grades 3-6 • Topic:** Environmental awareness. Length: 9 minutes. This award winner is a prophetic and insightful look at how human nature has allowed us to lose touch with the Earth. It is a simple but powerful story told through the wonder of computer animation and is a great conversation starter.

## Wormania!

**Elementary - Adult • Topic:** Earthworms and their habitat. Length: 26 minutes. Worm Woman visits the Brennan kids who learn about worms--how they move, their role in soil ecology, how worms breed, and how to set up a worm bin for composting organic waste. The video incorporates unique footage of worms in their natural habitat, and shows microscopic images of the beating of a worm's five pairs of hearts.

## Worm Bin Creatures

**Grades 6 – Adult • Topic:** Worm bin organisms. Length: 31 minutes. Explore more than a dozen critters under a microscope while they search for food and shelter in their worm bin home!

## WATER QUALITY

### Classroom Programs

#### Groundwater Education

*King County Department of Natural Resources and Parks, Water and Land Resources Division in partnership with City of Redmond and City of Woodinville.*

#### Enviroscape

**Grades 4-6 •** Students will work with a tabletop model of a typical community and learn how the choices we make everyday affect our environment.





Students apply soil (cocoa powder), herbicide and pesticide (kool-aid), oil (soy sauce) and rain on the model. When it rains, the “pollution” flows into rivers and lakes, and can infiltrate soil and groundwater. This is a dramatic, visual example of how our activities can affect water resources above and below ground. Students also discuss what they can do to cause less pollution.

## Groundwater

**Grades 6-12 •** Did you know that much of our drinking water comes from groundwater? Students will explore how groundwater moves within our larger water system using a tabletop groundwater model. Students will also explore what we can do to protect our water resources.

## Pond Dipping

**Grades 4-9 •** Have a retention pond on or near your school grounds? Did you know that these ponds are teeming with life and help clean our water? Would your class like to join a naturalist to poke about the pond and use scientific method to learn how important these mini- human-built wetlands are to our water system? Students will help their naturalist dip for freshwater invertebrates and test for indicator species.

## Salmon Cycle

**Grades K-4 •** Students learn about water quality through this informative lesson on salmon, our watery ecosystem’s keystone species. Salmon move from streams to the ocean and back again, encountering many challenges to their survival.

## Stream Ecology

**Grades 4-12 •** This one hour in-the-classroom presentation is a prerequisite to the Stream Connection field trip.

## Stream Connection Field Trip

**Grades 4-12 •** This one-hour field trip is held on a separate day from the Stream Ecology presentation. Join a naturalist and explore the salmon ecosystem of Bear Creek, where groundwater is a critical source of clean, cool water for salmon streams. Students will observe, experiment and

discuss the role of surface and groundwater in watershed health.

## Water Conservation

**Grades 7-9 •** Did you know the Puget Sound area gets less rain than Miami?! Join us for an interactive lesson that will explore what our society can do to conserve our surface and ground water.

## Water Cycle

**Grades K-4 •** Students play the role of a water droplet moving through the water cycle stages, including its path through ground and surface landscapes.

## Water Supply

**Grades 6-12 •** Do you know where your water comes from? Redmond-Bear Creek drinking water comes from both groundwater and surface water. Discover the origins of your local water and the path it takes to your faucet. Students will explore the human and natural factors that affect our water supply and how to protect it.

## Wetland Ecology

**Grades 4-6 •** This one hour in-the-classroom presentation is a prerequisite to the Wetland Connection field trip.

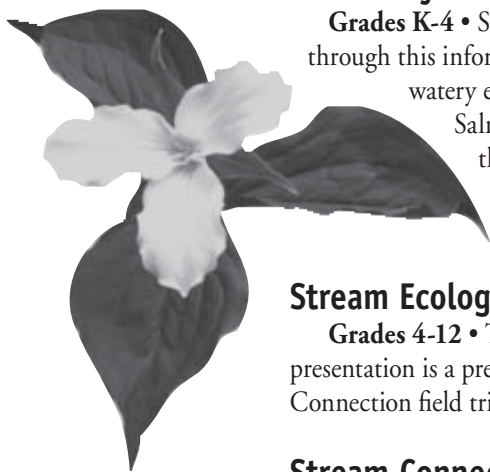
## Wetland Connection Field Trip

**Grades 4-6 •** This one-hour field trip is held on a separate day from the Wetland Ecology presentation. Discover the important functions of wetlands in keeping our surface and groundwater clean. Field sites are Cottage Lake Park and Marymoor Ponds.

## Wetland Filter

**Grades 2-6 •** Wetlands are like the kidneys of the earth, filtering water as it circulates through many pathways. Students will learn how wetlands perform this important function for our drinking water, as well as the water we share with wildlife.

Contact Nature Vision at 425-836-2697 or e-mail [info@naturevision.org](mailto:info@naturevision.org) to schedule your in-the-classroom presentation or field trip. This program won the Environmental Education Association of Washington’s Award of Excellence.



## Curricula

### Training Environmental Stewards from Mountains to Ocean: A Water Quality Curriculum

*Washington State University Extension Service – King County*

**Adult volunteers** • This curriculum provides a coordinated approach for training volunteers about preserving water quality and quantity across a variety of land uses, particularly those experienced when traveling from the ridge of the Cascade Mountains to the shores of Puget Sound and the Pacific Ocean.

The goal is to train volunteers as “natural resource stewards.” This document may be used as a stand-alone course, or modules may be integrated into existing volunteer training programs such as Master Gardener, Extension Watershed Steward, Beach Watcher, or Extension Livestock Advisor programs. Extension faculty members have developed this curriculum in cooperation with regional experts and with funding from USDA-CSREES. It has been piloted in several WSU Extension programs and is available for use throughout the Pacific Northwest.

The program is available year-round and can be downloaded from the Web site at [king.wsu.edu/enviro/Curriculum.htm](http://king.wsu.edu/enviro/Curriculum.htm) or may be requested at no cost on CD or hard copy from [tara.zimmerman@metrokc.gov](mailto:tara.zimmerman@metrokc.gov).

## Field Trips

### Wastewater Treatment Plant Tours

*King County Department of Natural Resources and Parks, Wastewater Treatment Division*

**Ages 11- Adult** • Where does it go when you brush and flush? Can wastewater be recycled? Tour a wastewater treatment plant and find out how treating sewage protects people and the environment, creates energy, protects salmon, and helps forests. Tours encourage visitors to think about responsible water use, the products they use and how everyday choices can help protect the Puget Sound. Please, one adult per seven youths; schedule three weeks in advance.

- Tour South Plant in Renton or West Point in Discovery Park - 2 hours
- Tour South Plant, Waterworks Garden, Black River Heron Rookery and Riparian Forest - 4 hours
- Tour West Point and ecosystem exploration or hike - 4 hours

For information and scheduling call 206-296-

8286 or visit [metrokc.gov/wtd/tours/index.htm](http://metrokc.gov/wtd/tours/index.htm).

### Waterworks Garden - South Plant - Renton

*King County Department of Natural Resources and Parks, Wastewater Treatment Division*

**All ages** • View landscape architecture, public art, storm water treatment and wetland habitat all in one place. This eight-acre wetland park blends art, technology and ecology to treat the storm water run-off from the adjacent 94-acre South Wastewater Treatment Plant. Observe public art as it actively prevents pollution and discover the benefits of water reclamation and reuse. Visit between dawn and dusk seven days a week. Trails are fully accessible and can be walked in as little as 15 minutes. Connects with the Springbrook Trail and the Black River Riparian Forest. Limited parking, no restrooms.

For more information visit [metrokc.gov/wtd/waterworks/index.htm](http://metrokc.gov/wtd/waterworks/index.htm) or call 206-296-8286.



## Wheels to Water

*King County Department of Natural Resources and Parks, Wastewater Treatment Division and Metro Transit*

**Grades 5-12** • Get free Metro bus transportation directly from your school to one of the Wastewater Treatment Division's field trip sites. Buses are limited and must be scheduled three weeks in advance. For more information visit [metrokc.gov/wtd/wheelstowater](http://metrokc.gov/wtd/wheelstowater) or call 206-296-8286.

## Grants

### Car Wash Kit Grant

*King County Department of Natural Resources and Parks, Water and Land Resources Division*

**All ages** • Schools, special districts (such as utility district) tribes, local governments, private non-profit organizations, or individuals are eligible for this grant. It is ideally suited for those that hold frequent charity and/or fundraiser car washes. The grant helps car wash organizers to do the right thing!

Contact Ken Pritchard at 206-296-8265 or [ken.pritchard@metrokc.gov](mailto:ken.pritchard@metrokc.gov) or visit [metrokc.gov/wlr/pi/carwash.htm](http://metrokc.gov/wlr/pi/carwash.htm) to apply online or by mail.





## Videos

### The Adventures of Little Drip

*King County Department of Natural Resources and Parks, Water and Land Resources Division*

**Preschool-Grade 4** • Topic: Water cycle.

Length: 15 minutes. Eight-year-old Wyatt joins Little Drip on an adventurous trip through the water cycle. Through the use of “magic water,” Wyatt is shrunk to raindrop size and follows Little Drip through the ground to an aquifer. They are then sucked up a well, bounced onto the pavement, become vapor and Wyatt returns home through his shower water! With Little Drip’s help, Wyatt learns how people have an impact on the quality and quantity of groundwater. Children learn

- the basics of the hydrological cycle.
- groundwater terms.
- how groundwater can be contaminated.
- what young people can do on a daily basis to conserve and protect our groundwater supply.

Contact Water and Land Resources at 206-296-6519 for more information.

### Groundwater: The Flow From Below

*King County Department of Natural Resources and Parks, Water and Land Resources Division*

**Grades 6-Adult** • Topic: Groundwater.

Length: 20 minutes. This video describes where groundwater comes from, how it becomes contaminated, and how we can protect it. Produced in a humorous, upbeat manner, the video presents the following groundwater issues

- agriculture
- farming and forestry
- growth and development
- underground storage tanks
- septic systems
- water conservation
- sea water intrusion
- sand and gravel mining

- landfills
- hazardous materials management
- groundwater recharge.

Contact Water and Land Resources at 206-296-6519 for more information.

## Groundwater Story

*King County Department of Natural Resources and Parks, Water and Land Resources Division*

**All ages** • Topic: Groundwater. Length: 4 minutes. Watch this musical animation and learn about the importance of groundwater to living things -- including people -- and how to help protect this hidden resource.

Access it online at [metrokc.gov/wlr/wq/groundwater-animation.htm](http://metrokc.gov/wlr/wq/groundwater-animation.htm) or [leapingmedia.com/groundwater.html](http://leapingmedia.com/groundwater.html).

## Wastewater: Recycling Resources 24/7

*King County Department of Natural Resources and Parks, Wastewater Treatment Division*

**All ages** • Topic: General wastewater overview. Length: 9 minutes. What is groundwater, how is it treated and what renewable resources are created everyday? These questions are answered in this video which is recommended viewing prior to a wastewater treatment plant tour.

Call 206-296-8286 to borrow a copy or for more information.

## Watersheds, Wetlands and Habitat

## Action Projects

### Native Plant Salvage Program

*King County Department of Natural Resources and Parks, Water and Land Resources Division*

**Grades 6-12** • This unique recycling program involves volunteers in digging up plants from natural sites before they are cleared for development. Later, “rescued” plants are replanted at habitat restoration sites. It is a great opportunity for middle and high school students to learn about native plants and their role in protecting the aquatic ecosystem. Volunteers are needed at both the native plant nursery and during the salvage.

Contact Greg Rabourn at 206-296-1923 or [greg.rabourn@metrokc.gov](mailto:greg.rabourn@metrokc.gov) for more information. For upcoming salvages, visit [metrokc/wlr/Pi/salopps.htm](http://metrokc/wlr/Pi/salopps.htm).



## Volunteer Plantings/King County Adopt-A-Park Programs

*King County Department of Natural Resources and Parks, Water and Land Resources Division*

**Grades 3-12** • Youth volunteer opportunities range from one-time events to the adoption of a local park. Projects can vary significantly depending on the specific goals and objectives of the educator/school program/youth, and the opportunities available in parks and natural lands. Stewardship and restoration projects are popular and may include fall tree plantings or spring invasive plant removals for stream, wetland and meadow restoration projects at various parks.

Volunteering at the King County Greenhouse and Nursery to help raise native plants for the restoration projects is available throughout the year, and is a great activity for younger students. These are often the easiest opportunities for teachers to tap into since there is no long-term commitment. Special volunteer events can be arranged for school groups. If educators are interested in a long-term experience, they can adopt a site with a minimum commitment of four projects per year such as cleaning up litter, planting trees, removing invasive plants, and/or monitoring the health of a site.

Projects are planned for many Saturdays in the spring and fall. These make great extra credit projects for students. Young children must be supervised and an adult must accompany children under 16. Liability waivers are required for those under 18. Teachers interested in a potential project for a class are encouraged to make a request. Contact Tina Miller at 206-296-2990 or [tina.miller@metrokc.gov](mailto:tina.miller@metrokc.gov) for more information, or visit [metrokc.gov/parks](http://metrokc.gov/parks).

## Grants

### Natural Resource Stewardship Network

*King County Department of Natural Resources and Parks, Water and Land Resources Division*

**All ages** • Grants and technical assistance are available throughout King County for projects that engage students in forest-related activities after school. Examples are conducting a tree inventory, tree planting in a community forest, or creating forest interpretive signs. Schools, non profits, and local government agencies are eligible for assistance.

Contact Linda Vane at 206-296-8042 or [linda.vane@metrokc.gov](mailto:linda.vane@metrokc.gov), or visit [metrokc.gov/wlr/pi/grant-exchange/NRSN.htm](http://metrokc.gov/wlr/pi/grant-exchange/NRSN.htm) for more information.

## WaterWorks Grants

*King County Department of Natural Resources and Parks, Water and Land Resources Division*

**All ages** • Grants are available for community projects that protect or improve watersheds, streams, rivers, lakes, wetlands or tidewaters. Projects must have a demonstrable positive impact on the waters of King County and must either improve or protect water quality and water dependent habitats, or demonstrate the beneficial use of biosolids or reclaimed water.

Contact Ken Pritchard at 206-296-8265 or [ken.pritchard@metrokc.gov](mailto:ken.pritchard@metrokc.gov), or visit [metrokc.gov/wlr/pi/grant-exchange/waterworks.htm](http://metrokc.gov/wlr/pi/grant-exchange/waterworks.htm) for more information. Micro Grants are available for under \$500 and up to the maximum amounts listed for competitive review.

## Wild Places in City Spaces

*King County Department of Natural Resources and Parks, Water and Land Resources Division*

**All ages** • Restore urban wildlife habitat and reforest your city spaces. These grants can be used for restoration on school grounds or a local park, re-establishing urban wildlife, and native gardening within the Urban Growth Boundary area of King County. Grants are available for under \$500 and up to \$10,000.

Contact Ken Pritchard at 206-296-8265 or [ken.pritchard@metrokc.gov](mailto:ken.pritchard@metrokc.gov) or visit [metrokc.gov/wlr/pi/grant-exchange/wildplaces.htm](http://metrokc.gov/wlr/pi/grant-exchange/wildplaces.htm) for grant guidelines or for more information.

## SALMON RESTORATION

### Classroom Programs

#### Salmon Habitat Presentation for the Green/Duwamish and Central Puget Sound Watershed

*King County Department of Natural Resources and Parks, Water and Land Resources Division*

**Grades 9-12** • This 30 minute

PowerPoint presentation is intended for high school students and focuses on salmon and salmon habitat in the Green/ Duwamish and Central Puget Sound watershed of southern King County. The watershed public outreach coordinator explains what a watershed is, the problems salmon face, and



what students can do to become good stewards of their watershed. Depending on the amount of time available, the presentation can be expanded to an hour-long discussion. To learn more about this watershed, visit [metrokc.gov/Wrias/9/index.htm](http://metrokc.gov/Wrias/9/index.htm).

Contact Dennis Clark, Watershed Public Outreach Coordinator, 206-296-1909 or [dennis.clark@metrokc.gov](mailto:dennis.clark@metrokc.gov) for more information.

## Field Trips

### Cedar River Salmon Journey

*King County Department of Natural Resources and Parks, Water and Land Resources Division*

**All ages** • Take advantage of this chance to see salmon spawning and learn from volunteer naturalists about the natural and human history of the Cedar River. The program takes place on several Saturdays and Sundays in October and November on the Cedar River near Renton. During the summer, naturalists are on duty at the Chittenden Locks. Visit [metrokc.gov/wlr/pi/cedar-river-journey.htm](http://metrokc.gov/wlr/pi/cedar-river-journey.htm) for more information.

## Grants

### Community Salmon Fund

*King County Department of Natural Resources and Parks, Water and Land Resources Division*

**All ages** • A joint project between King County and the National Fish and Wildlife Foundation, this fund is meant to stimulate small-scale, voluntary action by landowners, community groups, and businesses to support salmon recovery on private property in King County and South Snohomish County.

Contact Ken Pritchard at 206-296-8265 or [ken.pritchard@metrokc.gov](mailto:ken.pritchard@metrokc.gov) or visit [metrokc.gov/wlr/pi/grant-exchange/grantprograms.htm](http://metrokc.gov/wlr/pi/grant-exchange/grantprograms.htm) for more information.



## OTHER ENVIRONMENTAL PROGRAMS and RESOURCES

### Classroom Programs

#### Land Use, Forest Ecology, Biosolids and Soil

*Mountains to Sound Greenway Trust and King County Department of Natural Resources and Parks, Wastewater Treatment Division*

**Grades 5-10** • Educators can choose from four curricula: Forests on the Edge; Forests and Fins; Greening up the Greenway (biosolids recycling); and Savvy about Soil, Wise about Water. Each curriculum has an introductory lesson (taught by teacher), and in-class sessions and field trips led by a Mountains to Sound environmental educator. Teachers can choose to use all segments of the curriculum or just one, as each stands on its own. These programs help students understand forest ecology, land use issues, the salmon life cycle, biosolids recycling, and soil and water issues. Hands-on activities, a video and student-led presentations enrich each curriculum.

All programs help fulfill the state mandate to provide environmental education experiences to students and are aligned to Washington State Essential Academic Learning Requirements in science, social studies, mathematics, reading and communication. Financial assistance is available for transportation to the field trip or the teacher can choose to use the free Wheels to Water bus by contacting Casey Plank at 206-263-6028.

Contact Sally Kentch at 206-524-1655 or [sally.kentch@mtsgreenway.org](mailto:sally.kentch@mtsgreenway.org) or visit [mtsgreenway.org](http://mtsgreenway.org).

## Grants

### Rural Community Partnership Grants

*King County Department of Natural Resources and Parks, Water and Land Resources Division*

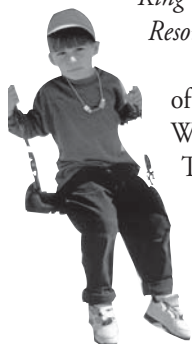
**All ages** • Organizations and schools that work in collaboration with King County to solve drainage, water quality or habitat problems in rural areas may qualify for these grants. Funding is available in amounts under \$500 and up to \$10,000.

Contact Ken Pritchard at 206-296-8265 or [ken.pritchard@metrokc.gov](mailto:ken.pritchard@metrokc.gov) or visit [metrokc.gov/wlr/pi/grant-exchange/grantprograms.htm](http://metrokc.gov/wlr/pi/grant-exchange/grantprograms.htm) for more information.

## Internet Resources

### KIDS Web Site!

*King County Department of Natural Resources & Parks*



**Grades 4-8** • Visit the Department of Natural Resources and Parks KIDS Web site at [metrokc.gov/dnr/kidswb](http://metrokc.gov/dnr/kidswb). The site features interactive games and information on solid waste, recycling, watersheds, water quality, wildlife, habitat and household hazardous waste.

### King County Department of Natural Resources and Parks Web Site

*King County Department of Natural Resources & Parks*

**All ages** • Find information about hands-on volunteer projects, publications and technical information at [metrokc.gov](http://metrokc.gov). Topics and issues include

- environmental grants
- hands-on volunteer projects
- parks and recreation
- recyclable goods
- salmon
- solid waste
- wastewater treatment
- water conservation
- water and land.

For additional information about specific programs, please forward your request to the contact staff member listed at the bottom of each Web page. Also visit our “Resources for Students” page at [metrokc.gov/topics/learning/LRNtop.htm](http://metrokc.gov/topics/learning/LRNtop.htm).

### King County Department of Natural Resources and Parks – Publications Online

*King County Department of Natural Resources & Parks*

**All ages** • Online publications can be accessed at [metrokc.gov/topics/publications/pubtopic.htm](http://metrokc.gov/topics/publications/pubtopic.htm).

### King County Solid Waste Division Web Site

*King County Department of Natural Resources and Parks, Solid Waste Division*

**All ages** • Online information about all aspects of solid waste can be accessed at [metrokc.gov/dnr/swd](http://metrokc.gov/dnr/swd).

### King County Volunteer Web Site

*King County*

**All ages** • Teachers and students looking for student community service projects have a valuable information-gathering resource available to them at [metrokc.gov/volunteer.htm](http://metrokc.gov/volunteer.htm). The King County Volunteers page links Web site users to more than two dozen volunteer opportunities concerning the environment, salmon conservation, recreation, arts programs, pet foster care, children’s services, social services and the law.

### King County Water and Land Resources Division Web Site

*King County Department of Natural Resources and Parks, Water and Land Resources Division*

**All ages** • Visit [metrokc.gov/wlr](http://metrokc.gov/wlr) for information about hands-on volunteer projects, publications and plans available to you and your students. Visit [metrokc.gov/wlr/resource.htm](http://metrokc.gov/wlr/resource.htm) for information on county water quality programs.



## Other Resources

### Agriculture Youth Program

*Washington State University Extension Service/King County Department of Natural Resources and Parks*

**Grades 6-12** • This program is offered through summer school programs and teaches secondary students that agriculture includes more than farming. Through hands-on experiments, students learn different aspects of agriculture such as soil texture by feel, pH concepts, soil preparation, seed collection, and more. They also learn that agriculture is for everyone and many crops are used in food production. The program provides opportunities to discover agriculture as a career and students will find out about undergraduate programs available in agriculture.





The program also provides “Agriculture in the Classroom” subjects designed for school teachers with little or no agriculture background. In addition, teachers can enrich their curriculum and learn different activities for use in classrooms through a training that will be offered for one full week (Monday through Friday) in July 2007. This training requires a minimum of 20 people. Contact Sonia G. Morales at 206-205-3133 or [sonia.morales@metrokc.gov](mailto:sonia.morales@metrokc.gov) or [sgmorales@wsu.edu](mailto:sgmorales@wsu.edu).

## The Chinook Book™ Fundraising Program

*King County and City of Seattle*

**All ages** – Looking for a fundraiser to support environmental programs and activities? *Chinook Book™* makes a positive impact on our community by offering a fundraiser that supports personal health, responsible businesses and a strong local economy. *Chinook Book™* combines compelling educational information and tips for healthy living with over 300 coupons for great products and local “green” businesses.

A *Chinook Book™* fundraiser is easy to administer. Chinook Book staff will help assist your school or group in reaching your fundraising goal. You will be provided with copies of the book, promotional materials and support prior to your fundraiser. There are no up-front costs and you return what you do not sell. The retail price of the book is \$20 and you keep up to 50% depending on the total quantity of books sold.

Fundraising activities support our kids, and *Chinook Book™* supports the long-term health of our communities and our planet by promoting responsible consumerism. Contact Kelsey Noren at 206-281-1122 or [Kelsey@celilo.net](mailto:Kelsey@celilo.net) to learn more, or visit [chinookbook.net](http://chinookbook.net).

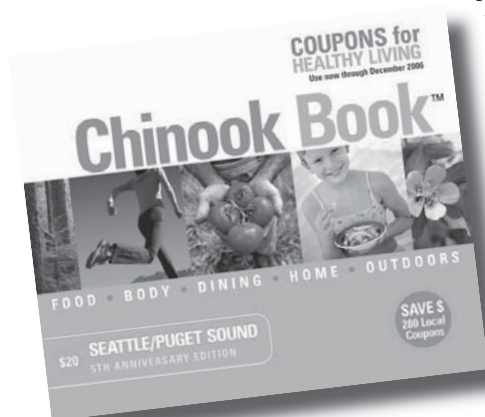
## Extension Watershed Stewardship Program

*Washington State University King County Extension*

**Adults** • Extension Watershed Steward volunteers provide education and leadership throughout King County on a variety of natural resource management, conservation, and restoration projects. From educating homeowners about backyard wildlife habitat to restoring woodlands and streams, watershed stewards are making a difference. New Extension Watershed Stewards undergo a comprehensive training that provides them with a foundation of skills and knowledge on watershed issues and emphasizes practical stewardship. Professional staff from WSU King County Extension, public agencies and citizen organizations provide classroom and field presentations on natural resource protection topics. Recent trainings have focused on urban and rural connections as well as watersheds and salmon, including presentations on geology, hydrology, forest resources, native plants, wetlands, wildlife and interactions between people and watersheds. The trainees also learn how to organize a stewardship project and how to educate youth and adults.

Classes are held on consecutive Fridays from September through the first week of November, and consist of nine days of in-class training with field exercises, 9 am to 4 pm, and three Saturday field trips, 9 am to 3 pm. Following completion of the training program, new watershed stewards embark on community-based projects, working within existing volunteer programs and/or initiating projects that reflect their interests and the needs of their communities. Stewards are supported by WSU Extension staff and by the many watershed stewards who have been trained over the 15 years of the Extension Watershed Stewardship program. Videos on water quality, wetland monitoring and agricultural best management practices are also available for loan.

Contact Tara Zimmerman at 206-205-3203 or [tara.zimmerman@metrokc.gov](mailto:tara.zimmerman@metrokc.gov) or visit [king.wsu.edu/enviro/stewardship.htm](http://king.wsu.edu/enviro/stewardship.htm) for more information.



# Nutrition

## Curricula

### Extension Family Nutrition Education Program – EFNEP

*Washington State University Extension/King County*

**Grades K-12** • This effective year-round food and nutrition education program targets students and families with limited resources. The youth program employs a well-tested curriculum aimed at improving students' food and nutrition-related knowledge, behaviors and overall health. Dynamic, interactive classes use demonstrations, handouts, games and hands-on activities to enhance learning.

Well-trained Nutrition Educators, experienced in teaching culturally diverse audiences in a variety of settings, work with individual teachers to plan a series of classes designed to meet class and program objectives and to address the needs of individual student audiences. A series of classes is available, with lessons ranging in length from 30-60 minutes, depending on topic and age of students. The number of lessons provided and topics covered is flexible/variable, and determined by mutual agreement between teacher and Nutrition Educator.

Opportunities for practicing new skills are provided to enhance learning and encourage positive changes in food and nutrition-related behaviors. Lesson handouts are provided to students during individual lessons. Topics include

- the food guide pyramid
- cooking skills
- nutrients for a healthy body
- food shopping
- healthy snacks
- food safety
- meal planning

Contact Susan Hauck at 206-205-3217 or [susan.hauck@metrokc.gov](mailto:susan.hauck@metrokc.gov) for more information. Additional program information is available at [king.wsu.edu/nutrition/index.htm](http://king.wsu.edu/nutrition/index.htm).

### 4-H Food \$ense CHANGE Program Nutrition through Gardening Education

*Washington State University Extension/King County*

**Grades K-6** • This integrated nutrition education program targets students with limited resources and teaches experientially through gardening and cooking. Food \$ense CHANGE educators provide ten classroom lessons that are aligned to the GLEs and EALRs with emphasis on

math, science, reading and writing. In addition, they supply teachers with supplemental activities so they can integrate nutrition education into everyday studies. Food \$ense CHANGE also publishes parent newsletters and participates in family activities at the schools.

Food \$ense CHANGE works in collaboration with local partners to help communities and schools become healthier places to live, work and learn. Resources include partnerships with existing county programs such as 4-H, Master Gardeners, Master Recyclers and Composting Program. CHANGE currently works with elementary schools in the Highline, Tukwila, Auburn, Bellevue and Seattle school districts.

Contact Susan Hauck at 206-205-3217 or *Susan.Hauck@metrokc.gov* for more information, or visit [king.wsu.edu/nutrition/change.htm](http://king.wsu.edu/nutrition/change.htm).

## Other Resources

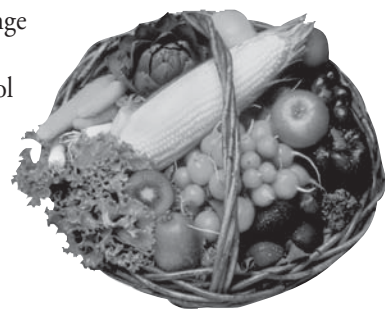
### Farm-to-School Connections Team

*Washington State University Extension/King County*

**Adults** • The WSU King County Extension Farm-to-School Connections Team is composed of individuals, parents, agencies, and organizations working to make farm-to-school connections. During the school year, monthly meetings are open to anyone who wants to learn, share, or network in order to make connections in schools to local, fresh food and farming. Farm-to-school connections range from classroom activities to farm field trips, to serving local farm foods in school cafeterias and more.

The mission of the Farm-to-School Connections Team is twofold: to better the nutrition environment in schools and to support local farms. We hope to accomplish these goals through nutrition and agriculture education, by fostering economic relationships between the two sectors, and by serving as a network and support group for those who share these goals.

Contact Sylvia Kantor, Extension Educator, 206-205-3131 or [sylvia.kantor@metrokc.gov](mailto:sylvia.kantor@metrokc.gov) for more information.



# Transportation

## AIRPORT/AVIATION EDUCATION

### Curricula

#### Career Exploration

*King County Department of Transportation, King County International Airport*

**Grades 7-12** • Students learn about careers in international trade and transportation through case studies prepared by the Magnuson Partnership, a

project of the Port of Seattle and King County. These case study lesson plans feature people in our community who work in trade and transportation. They are designed to give students an active way to “try on” a career. In addition, they help students practice basic skills in reading,

writing and problem solving.

These lesson plans are all based on the 7<sup>th</sup> and 10<sup>th</sup> grade benchmarks for the Washington State Essential Academic Learning Requirements (EALRs). They are also specifically designed to help students prepare for the reading and writing exercises that are part of the Washington Assessment of Student Learning (WASL) exam. Each of these lesson plans includes everything needed for a 45-minute to one-hour lesson: student handouts, teaching notes, discussion questions, background information and answer keys for assignments. Each lesson plan includes at least one suggested written assignment to assist teachers with assessing how students are learning.

Download lesson plans at [metrokc.gov/airport/education/teacher](http://metrokc.gov/airport/education/teacher).

### Field Trips

#### King County International Airport Field Trip

*King County Department of Transportation, King County International Airport*

**All ages** • A ramp-side tour provides a unique look at one of the nation’s busiest general aviation airports. The narrated tour explaining the

history and current operations at King County International Airport takes about one hour. In addition to the Boeing Company delivery ramp, where the newest commercial jet aircraft can be seen, the tour allows observation from the air-side of the airport of a wide variety of general aviation businesses and activities. If time allows, additional stops can include a visit to the Aircraft Rescue and Fire Fighting station to see the latest in aviation emergency response equipment, a tour of the 1930 Terminal Building, including historical displays and public art exhibits, and/or visits to local airport businesses.

Group tours are provided free of charge, but are subject to current security requirements. Reservations are requested at least two weeks in advance. Tours require a minimum of 20 people for a bus tour and 10 people for a van tour. Some groups like to visit the Museum of Flight in conjunction with an airport tour. Scheduling is the responsibility of the tour group. The Museum of Flight is located on the southwest side of Boeing Field. Call 206-764-5700 for more information and admission fee.

Contact Rita Creighton, Airport Aviation Education Manager at 206-296-7431 or [rita.creighton@metrokc.gov](mailto:rita.creighton@metrokc.gov) for more information.

### Other Resources

#### Job Shadows and Internships

*King County Department of Transportation, King County International Airport*

**Grades 9-12** • Aviation remains one of the most important aspects of the Northwest economy. Airport staff will help teachers and students arrange job shadows and internships in aviation-based occupations on an individual basis. Large-scale career events with a wide variety of job shadows are held throughout the year and in April as part of King County’s Take Your Children to Work Day. The airport also partners with the Museum of Flight in other career exploration activities, including an Annual Educator’s Open House and Women Fly! – a conference that encourages young women to consider non-traditional aviation careers.

Contact Rita Creighton, Aviation Education Manager at 206-296-7431 or [rita.creighton@metrokc.gov](mailto:rita.creighton@metrokc.gov) for more information.





## Opportunity Skyway

*King County Department of Transportation, King County International Airport*

**Grades 5-12, and school dropouts** • Located on-site at Boeing Field, this airport-based education initiative uses hands-on learning to teach math, science, technology and other aviation-related subjects. Activities include: student assembly of full-sized aircraft; school-based projects using gliders, kites, hot air balloons, wind tunnels, navigation and other aspects of aviation; and competitions that test student skills in aeronautical design, construction and flight. Opportunity Skyway strives to integrate academic and vocational learning. The program operates year-round with

- a summer program for youth seeking skills leading to a first-time job experience.
- out-of-school youth working to attain their high school diploma or GED while developing aircraft assembly skills.
- younger children attending a summer aviation day camp.

Call 206-296-7431 for details and dates of activities, or visit [metrokc.gov/airport/education](http://metrokc.gov/airport/education) for more information.

## TRANSIT EDUCATION AND SAFETY

### Field Trips

#### Metro Base Tours

*King County Department of Transportation, Metro Transit Education Services*

**All ages** • See Metro in action and talk to workers behind the scenes. How are buses repaired and painted? How does Metro clean a big bus in only ten minutes? Come to one of our bases to see. Tour the operator sign-in area, the maintenance shop, upholstery shop, body shop and paint shop. Learn about the tools and machines that the mechanics use. One-hour tours are available for all ages. There are four different bases and you can choose one in your area of the county! The maximum group size is 30 people.

Contact Patricia Banks at 206- 684-1581 or [patricia.banks@metrokc.gov](mailto:patricia.banks@metrokc.gov) for more information.

## Youth Field Trip Program

*King County Department of Transportation, Customer Services*

Schools and youth organizations may travel on Metro buses for half price. Visit [metrokc.gov/kcdot/kids/transit/field.htm](http://metrokc.gov/kcdot/kids/transit/field.htm) for program criteria and to download the program brochure and field trip forms. Teachers and leaders can get ideas for fun destinations on a Metro bus. The maximum group size is 30 people.

Contact Patricia Banks at 206-684-1581 or [patricia.banks@metrokc.gov](mailto:patricia.banks@metrokc.gov) for more information.

## Internet Resources

### Transit Topics for Kids Web Site

*King County Department of Transportation, Customer Services*

**All ages** • Students can visit the Transit Topics for Kids Web site at [metrokc.gov/kcdot/kids/transit/topics.htm](http://metrokc.gov/kcdot/kids/transit/topics.htm) to explore a variety of transit topics for personal interest or school reports. Visitors to the site will find interesting articles, activities and a bus photo album.

Contact Tom Randall at 206-684-1013 for more information.

## Videos

### See You on Metro

*King County Department of Transportation, Customer Services*

**Grades 6-12** • This video is an excellent tool for English as a Second Language (ESL) and Special Education programs. It is highly visual with simple narration that is easy to understand and closed captioned. The 12-minute video may be seen at one sitting, or it may be watched one section at a time. Subjects/sections include

- Introduction to Metro
- Getting Information
- How to Pay Your Bus Fare
- Regional Reduced Fare Permit (RRFP)
- Fare System
- When to Pay Your Bus Fare
- How to Use a Transfer
- Ready to Ride?
- When You Need Help
- Riding on the Bus
- Other Transportation Choices

Contact Bob Flor at 206-684-1611 or Tom Randall at 206-684-1013 for more information.



# 4-H Programs

## Action Projects

### 4-H Projects and Curricula

*Washington State University Extension/King County  
Department of Natural Resources and Parks*

**Grades K-12** • From gardening to rocketry, wetlands to computers, as well as the theatre arts, 4-H activities teach life skills. Research-based information offers background knowledge for long-term projects that can be taken to the urban, county and state fairs. Volunteers, K-12 teachers and home school families find the activities and projects easy to adapt to individual needs and classroom sites.

Contact Sue Lerner at 206-205-3209 or [susan.lerner@metrokc.gov](mailto:susan.lerner@metrokc.gov) for details, or visit [king.wsu.edu/](http://king.wsu.edu/) for more information.

## Curricula

### 4-H Adolescent Youth Development

*Washington State University Extension/King County  
Department of Natural Resources and Parks*

**Adults** • This best-practices curriculum, authored by 4-H and the U.S. Army, contains 40 hours of training to prepare adults to work effectively with adolescents. The training includes modules about development of youth-adult partnerships, working effectively in groups, adolescent growth and development, working in groups with diverse ethnicities, ages, and cultures, and dealing with conflict effectively. The training is highly experiential, and has been used effectively throughout the U.S. and in Army bases around the world. This program is available upon request.

Contact Sue Lerner at 206-205-3209 or [susan.lerner@metrokc.gov](mailto:susan.lerner@metrokc.gov) for details.



## 4-H School Enrichment

*Washington State University Extension/King County  
Department of Natural Resources and Parks*

**Materials available for age ranges 6-10, 11-14, 15-19** • 4-H offers youth development activities both during and after school. In-school programs are usually delivered by the classroom teacher using 4-H curriculum materials with support from King County staff and experienced volunteers. Curricula are authored by Washington State University faculty experts in content and youth development. The publications are useful as journals to document the student's exploration of the subject matter through activities outlined in the Leader's Guide. Content areas include: Consumer Education, Service Learning, Character Education, Conflict Resolution, Performing Arts, Expressive Arts, Foods, Nutrition, Cooking, Geology, Environmental Stewardship, Entomology, Water Resources, Know Your Government, Leadership, and many more. Most curricula are aligned with EALRs. The program is available year round by request. Length of time is flexible, but usually requires 5-10 hours.

Contact Sue Lerner, 4-H Youth Development Educator, at 206-205-3209 or [susan.lerner@metrokc.gov](mailto:susan.lerner@metrokc.gov) for details.

## Other Resources

### 4-H Best Management Practices

*Washington State University Extension/King County  
Department of Natural Resources and Parks*

**Grades 6-12** • 4-H programs feature Best Management Practices (BMPs), field trips, competition, and implementation. In conjunction with the King County Water and Land Resources Division, 4-H offers youth groups an opportunity to tour local farms in spring, summer and fall to learn about Farm Plans and BMPs for livestock. Youths can create educational exhibits for fair competitions and to inform fair visitors about BMPs. High school students are invited to construct BMPs on selected farms.

Contact Sue Lerner at 206-205-3209 or [susan.lerner@metrokc.gov](mailto:susan.lerner@metrokc.gov) for details, or visit [king.wsu.edu](http://king.wsu.edu/) for more information.

## 4-H Challenge Ropes Course and Portable Challenge Kit

*Washington State University Extension/King County Department of Natural Resources and Parks*

**Grades 6-12** • Located at Bonney Lake, the year-round 4-H Challenge Ropes Course offers outdoor activities that develop problem-solving skills, teamwork, self-awareness, communication, and leadership among youth. Trained facilitators insure safety and fun. Pre and post-event activities are suggested for classroom reinforcement of skills learned in the field. A portable challenge kit is available to teachers who have attended a three-day facilitator training offered twice each year. Kit activities can be easily conducted in the school gym on an as needed basis. Allow one day for the Challenge Ropes Course at Bonney Lake, two hours for Portable Challenge. Facilitator training is also available to interested community members.

Contact Carey Roos at 206-205-3152 or [carey.roos@metrokc.gov](mailto:carey.roos@metrokc.gov), or [blchallenge.wsu.edu](http://blchallenge.wsu.edu) for more information.

## 4-H Rite of Passage

*Washington State University Extension/King County Department of Natural Resources and Parks*

**Ages 16-19** • 4-H Rite of Passage (ROP) is a culturally appropriate solo wilderness experience by which youth mark their graduation from high school with serious thought and purposefulness. The program involves preparation at home through guided activities followed by the up to three days and nights alone in the wilderness, and then reflection and planning for the future. 4-H Rite of Passage is an extension of the 4-H Challenge program (portable, low ropes and high ropes courses) in which youths explore their strengths and challenges. The program is highly experiential and effective for those who choose it. Adult Training for Guides is held in August, and Youth ROP is held in June. Ten days are required.

Contact Sue Lerner, 4-H Youth Development Educator, at 206-205-3209 or [susan.lerner@metrokc.gov](mailto:susan.lerner@metrokc.gov) for details.

## 4-H Strengthening Families

*Washington State University Extension/King County Department of Natural Resources and Parks*

**Ages 7-20** • This program is designed to build

communication skills among family members. It focuses on the major issues that the family raises and provides training for the adults and youth separately, and then guided time together in which to practice the skills they've learned. The program curriculum is highly experiential. "Families" for the purpose of this training includes any adult/youth group that provides life supports to one another and that looks to each other as a family. The program is available by request and requires classroom space, a video player and TV. Three-hour sessions are held once a week for seven weeks. Each session includes a meal and time to learn and practice the skills.

Contact Sue Lerner, 4-H Youth Development Educator, at 206-205-3209 or [susan.lerner@metrokc.gov](mailto:susan.lerner@metrokc.gov) for details.

## Publications

### King County 4-H Program Newsletter

*Washington State University Cooperative Extension Service/King County Department of Natural Resources and Parks*

**Adults** • The monthly newsletter supports 4-H project activities in schools and community centers throughout King County. The newsletter promotes adult and youth training three times each year, suggests tips for having fun at the King County Fair by exhibiting projects, and links groups to local resources for community service projects and extended learning opportunities. The newsletter can be found on the 4-H Programs Web site at [king.wsu.edu/](http://king.wsu.edu/).





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# Thank you!

.....for using the 2006-2007 King County Programs for Educators directory. For additional copies, please call 206-296-6542, or place your request via e-mail at [website.swd@metrokc.gov](mailto:website.swd@metrokc.gov).

Produced by King County Department of Natural Resources and Parks – Solid Waste Division

# King County Program Contacts

**Note:** All King County employees can be reached by using the following e-mail format: [firstname.lastname@metrokc.gov](mailto:firstname.lastname@metrokc.gov)

## Office of Civil Rights

Classroom/School Presentations  
Rose Dotson ..... 206-296-7592

## 4 Culture

Arts Projects Grants  
Doreen Mitchum ..... 206-296-7579  
Culture & Heritage Programs  
Charles Payton ..... 206-296-8693

## Department of Community and Human Services

Work Training Program  
George Dignan ..... 206-296-5220

## Department of Executive Services

Information and Telecommunications Services Division  
Betty Richardson ..... 206-263-4814  
Office of Emergency Management Emergency Preparedness and  
Prevention Training  
Timothy Doyle ..... 206-296-3830

## Department of Natural Resources and Parks

Community Gardening Program  
Anne Lipe ..... 206-205-8751

## Solid Waste Division

Class Act Newsletter  
Donna Miscolta ..... 206-296-4477  
Green Schools Program  
Dale Alekel ..... 206-296-8457  
Household Hazardous Waste Teacher Training  
Donna Miscolta ..... 206-296-8477  
Master Recycler Composter Program  
Karen May ..... 206-296-4353  
School Recycling and Waste Reduction Assistance  
Dale Alekel ..... 206-296-8457  
School Programs Grades 1-12  
Donna Miscolta ..... 206-296-4477  
Transfer Station Tours  
Annette Mentzer ..... 206-296-0465

## Wastewater Treatment Division

Wheels to Water Program  
Casey Plank ..... 206-263-6028

## Water and Land Resources Division

Community Salmon Fund  
Ken Pritchard ..... 206-296-8265  
Household Hazardous Waste Classroom Program  
Gail Gensler ..... 206-263-3082  
Native Plant Salvage Program  
Greg Rabourn ..... 206-296-1923  
Natural Resource Stewardship Network  
Linda Vane ..... 206-296-8042  
Rural Community Partnership Grants  
Ken Pritchard ..... 206-296-8265  
Salmon Habitat Presentation  
Dennis Clark ..... 206-296-1909  
Volunteer Plantings/Adopt-A-Park Program  
Tina Miller ..... 206-296-2990

## WaterWorks Program

Ken Pritchard ..... 206-296-8265

## Department of Transportation

Airport Aviation Education and Field Trips  
Rita Creighton ..... 206-296-7431  
See You on Metro  
Bob Flor ..... 206-684-1013  
Transit Education and Field Trip Programs  
Patricia Banks ..... 206-684-1013  
Transit Topics for Kids Web Site  
Tom Randal ..... 206-684-1013

## Washington State University King County Extension

4-H Challenge Ropes Course  
Carey Roos ..... 206-205-3152  
4-H Youth Development Education Programs  
Sue Lerner ..... 206-205-3209  
Cultural Diversity Program  
Sonia G. Morales .... 206-205-3133  
Environmental Education  
Darcy Batura ..... 206-205-3130  
Extension Watershed Stewardship Program  
Tara Zimmerman ..... 206-205-3203  
Nutrition Education and Food Safety  
Susan Hauck ..... 206-205-3217





# Find It On The Net

The following internet addresses are found throughout this directory. They are listed by topic below for your convenience.

Airport Aviation Education  
[metrokc.gov/airport/education](http://metrokc.gov/airport/education)

Car Wash Kits  
[dnr.metrokc.gov/wlr/pi/carwash.htm](http://dnr.metrokc.gov/wlr/pi/carwash.htm)

Chinook Book  
[chinookbook.net](http://chinookbook.net)

Civil Rights  
[metrokc.gov/dias/ocre](http://metrokc.gov/dias/ocre)

Class Act Newsletter  
[metrokc.gov/dnrp/swd/education/classact/index.asp](http://metrokc.gov/dnrp/swd/education/classact/index.asp)

Cultural Education  
[4culture.org](http://4culture.org)

Department of Natural Resources and Parks Kids Web Site  
[metrokc.gov/dnr/kidswb](http://metrokc.gov/dnr/kidswb)

Department of Natural Resources and Parks Publications  
[dnr.metrokc.gov/topics/publications/publtopic.htm](http://dnr.metrokc.gov/topics/publications/publtopic.htm)

Department of Natural Resources and Parks School Resources  
[dnr.metrokc.gov/topics/learning/LRNtop.htm](http://dnr.metrokc.gov/topics/learning/LRNtop.htm)

Emergency Preparedness  
[metrokc.gov/prepare](http://metrokc.gov/prepare)

Grant Exchange  
[dnr.metrokc.gov/wlr/pi/grants.htm](http://dnr.metrokc.gov/wlr/pi/grants.htm)

Green Teams  
[metrokc.gov/dnrp/swd/elementaryschool/index.asp](http://metrokc.gov/dnrp/swd/elementaryschool/index.asp)

Greens Schools Program  
[metrokc.gov/dnrp/swd/greenschools/index.asp](http://metrokc.gov/dnrp/swd/greenschools/index.asp)

Groundwater Education Program  
[dnr.metrokc.gov/wlr/pi/groundwater/](http://dnr.metrokc.gov/wlr/pi/groundwater/)

Household Hazardous Waste Mini-Grants  
[metrokc.gov/dnrp/swd/education/hazwaste.asp](http://metrokc.gov/dnrp/swd/education/hazwaste.asp)

Household Hazardous Waste School and Youth Program  
[govlink.org/hazwaste/schoolyouth](http://govlink.org/hazwaste/schoolyouth)

Institutional (I-Net) Program  
[metrokc.gov/dias/its/i-net/index.htm](http://metrokc.gov/dias/its/i-net/index.htm)

Master Recycler Composter Program  
[metrokc.gov/dnrp/swd/mrc/index.asp](http://metrokc.gov/dnrp/swd/mrc/index.asp)

Mountains to Sound Greenway  
[mtsgreenway.org](http://mtsgreenway.org)

Native Plant Salvage Program  
[dnr.metrokc.gov/wlr/pi/salopps.htm](http://dnr.metrokc.gov/wlr/pi/salopps.htm)

Northwest Native Plant Landscaping Guide  
[dnr.metrokc.gov/GoNative](http://dnr.metrokc.gov/GoNative)

Parks Programs  
[metrokc.gov/parks](http://metrokc.gov/parks)

Programs for Educators Directory  
[metrokc.gov/dnrp/swd/education/documents.asp](http://metrokc.gov/dnrp/swd/education/documents.asp)

Salmon Habitat Presentation for the Green/  
Duwamish and Central Puget Sound Watershed  
[dnr.metrokc.gov/Wrias/9/index.htm](http://dnr.metrokc.gov/Wrias/9/index.htm)

School Recycling and Waste Reduction Assistance Program  
[metrokc.gov/dnrp/swd/education/assistance.asp](http://metrokc.gov/dnrp/swd/education/assistance.asp)

Solid Waste Division Schools Programs  
[metrokc.gov/dnrp/swd/education/index.asp](http://metrokc.gov/dnrp/swd/education/index.asp)

Transit Field Trip Program  
[metrokc.gov/kcdot/kids/transit/field.htm](http://metrokc.gov/kcdot/kids/transit/field.htm)

Volunteer Opportunities  
[metrokc.gov/volunteer.htm](http://metrokc.gov/volunteer.htm)

Waste Reduction and Recycling Topics  
[metrokc.gov/dnrp/swd/index.asp](http://metrokc.gov/dnrp/swd/index.asp)

Wastewater Treatment Division  
[dnr.metrokc.gov/wtd](http://dnr.metrokc.gov/wtd)

Wastewater Treatment Plant Tours  
[dnr.metrokc.gov/wtd/tours/index.htm](http://dnr.metrokc.gov/wtd/tours/index.htm)

Water and Land Resource Library  
[dnr.metrokc.gov/wlr/resource.htm](http://dnr.metrokc.gov/wlr/resource.htm)

Water and Land Resources Division Grant Programs  
[dnr.metrokc.gov/wlr/pi/grants.htm](http://dnr.metrokc.gov/wlr/pi/grants.htm)

Water and Land Resources Division Publications  
[dnr.metrokc.gov/topics/publications/publtopic.htm](http://dnr.metrokc.gov/topics/publications/publtopic.htm)

Water Conservation  
[dnr.metrokc.gov/wtd/waterconservation](http://dnr.metrokc.gov/wtd/waterconservation)

Watershed Stewardship Directory  
[dnr.metrokc.gov/wlr/wsdir](http://dnr.metrokc.gov/wlr/wsdir)

Wheels to Water Program  
[dnr.metrokc.gov/wtd/wheelstowater/index.htm](http://dnr.metrokc.gov/wtd/wheelstowater/index.htm)

WSU King County Extension  
[king.wsu.edu](http://king.wsu.edu)

Yard Talk  
[dnr.metrokc.gov/yardtalk](http://dnr.metrokc.gov/yardtalk)



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Ron Sims

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District 2 – Larry Gossett  
District 3 – Kathy Lambert  
District 4 – Larry Phillips  
District 5 – Julia Patterson  
District 6 – Jane Hague  
District 7 – Pete von Reichbauer  
District 8 – Dow Constantine  
District 9 – Reagan Dunn



### King County

Department of  
Natural Resources and Parks

#### Solid Waste Division

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